

A DEVICE FOR PURIFYING THE EXHAUST GAS OF AN INTERNAL
COMBUSTION ENGINE

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ABSTRACT OF THE DISCLOSURE

10 A device for purifying the exhaust gas of an internal combustion engine is disclosed. The device includes a particulate filter arranged in the exhaust system, which carries a catalyst for absorbing and reducing NO_x. The catalyst absorbs NO_x when the air-fuel ratio in the surrounding atmosphere thereof is lean and releases the absorbed NO_x to purify NO_x by reduction when the air-fuel ratio is stoichiometric or rich. The device further includes a catalytic apparatus for purifying NO_x arranged in the exhaust system upstream of the particulate filter, which has 15 an oxidation function.

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